

## Index to Volume 40

## Authors and Titles

- Albani, A. D., and Yassini, I.  
Taxonomy and distribution of shallow-water  
lagenid Foraminiferida from the south-  
eastern coast of Australia 369
- Alder, J., and Braley, R.  
Serious mortality in populations of giant  
clams on reefs surrounding Lizard Island,  
Great Barrier Reef 205
- Alexander, C. G. See McKenzie, L. J. 669
- Allanson, S. See Nichols, P. D. 645
- Allen, G. R. See Saeed, B. 719
- Bacher, G. J., and O'Brien, T. A.  
Salinity tolerance of the eggs and larvae  
of the Australian grayling *Prototroctes  
maraena* Günther (Salmoniformes:  
Prototroctidae) 227
- Baronie, F. M. See Potter, I. C. 327
- Batley, G. E., Mann, K. J., Brockbank,  
C. I., and Maltz, A.  
Tributyltin in Sydney Harbour and Georges  
River waters 39
- Batley, G. E., Chen Fuhua, Brockbank, C. I.,  
and Flegg, K. J.  
Accumulation of tributyltin by the Sydney  
rock oyster, *Saccostrea commercialis* 49
- Bayly, I. A. E. See Blinn, D. W. 295
- Blaber, S. J. M. See Gunn, J. S. 97
- Blaber, S. J. M. See Brewer, D. T. 657
- Blinn, D. W., Blinn, S. L., and Bayly, I. A. E.  
Feeding ecology of *Haloniscus searlei*  
Chilton, an oniscoid isopod living in  
athalassic saline waters 295
- Blinn, S. L. See Blinn, D. W. 295
- Boland, F. M. See Cresswell, G. R. 113
- Braley, R. See Alder, J. 205
- Brewer, D. T., Blaber, S. J. M., and  
Salini, J. P.  
Feeding biology of *Caranx bucculentus*  
Alleyne and Macleay (Teleostei:  
Carangidae) in Albatross Bay, Gulf of  
Carpentaria, with special reference to  
predation of penaeid prawns 657
- Brockbank, C. I. See Batley, G. E. 39
- Brockbank, C. I. See Batley, G. E. 49
- Bruce, B. D. See Gunn, J. S. 97
- Bunn, S. E. See Dean, J. C. 631
- Burke, C. M., and Knott, B.  
Limnology of four groundwater-fed saline  
lakes in south-western Australia 55
- Campbell, I. C., and Doeg, T. J.  
Impact of timber harvesting and production  
on streams: a review 519
- Chen Fuhua. See Batley, G. E. 49
- Chilvers, G. A. See Thomas, K. 11
- Clementson, L. A., Harris, G. P., Griffiths,  
F. B., and Rimmer, D. W.  
Seasonal and inter-annual variability in  
chemical and biological parameters  
in Storm Bay, Tasmania. I. Physics,  
chemistry and the biomass of components  
of the food chain 25
- Cosser, P. R.  
Nutrient concentration-flow relationships and  
loads in the South Pine River, south-eastern  
Queensland. I. Phosphorus loads 613
- Cresswell, G. R., Boland, F. M., Peterson,  
J. L., and Wells, G. S.  
Continental shelf currents near the Abrolhos  
Islands, Western Australia 113
- Currie, B. R., and Johns, R. B.  
An organic geochemical analysis of  
terrestrial biomarkers in a transect  
of the Great Barrier Reef Lagoon 275
- Daintith, M. See Nichols, P. D. 645
- Davies, P. E.  
Relationships between habitat characteristics  
and population abundance for brown trout,  
*Salmo trutta* L., and blackfish, *Gadopsis  
marmoratus* Rich., in Tasmanian  
streams 341
- Dean, J. C., and Bunn, S. E.  
Larval descriptions of the Hydrobiosidae,  
Philopotamidae, Hydropsychidae and  
some Ecnomidae (Trichoptera) from  
south-western Australia, with notes  
on biology 631
- Doeg, T. J. See Campbell, I. C. 519
- Edward, D. H. D. See Storey, A. W. 587
- Edwards, P. B.  
Seasonal changes in larval populations of  
*Culicoides subimmaculatus* Lee & Reye

- (Diptera : Ceratopogonidae), with observations on the influence of tides on larval ecology 69
- Entwistle, T. J.  
Phenology of the *Cladophora-Stigeoclonium* community in two urban creeks of Melbourne 471
- Flegg, K. J. See Batley, G. E.
- Francis, R. I. C. C., and Winstanley, R. H.  
Differences in growth rates between habitats of south-east Australian snapper (*Chrysophrys auratus*) 703
- Furlani, D. M. See Gunn, J. S. 97
- Gabric, A. J. See Parslow, J. S. 403
- Gabric, A. J., and Parslow, J. S.  
Effect of physical factors on the vertical distribution of phytoplankton in eutrophic coastal waters 559
- Ganf, G. G., Oliver, R. L., and Walsby, A. E.  
Optical properties of gas-vacuolate cells and colonies of *Microcystis* in relation to light attenuation in a turbid, stratified reservoir (Mount Bold Reservoir, South Australia) 595
- Glova, G. J., and Sagar, P. M.  
Feeding of a nocturnally active fish, *Galaxias brevipinnis*, in a New Zealand stream 231
- Griffiths, F. B. See Clementson, L. A. 25
- Gunn, J. S., Bruce, B. D., Furlani, D. M., Thresher, R. E., and Blaber, S. J. M.  
Timing and location of spawning of blue grenadier, *Macruronus novaezelandiae* (Teleostei : Merlucciidae), in Australian coastal waters 97
- Harris, G. P. See Clementson, L. A. 25
- Hatcher, A.  
Variation in the components of benthic community structure in a coastal lagoon as a function of spatial scale 79
- Hocking, P. J.  
Seasonal dynamics of production, and nutrient accumulation and cycling by *Phragmites australis* (Cav.) Trin. ex Stuedel in a nutrient-enriched swamp in inland Australia. I. Whole plants 421
- Hocking, P. J.  
Seasonal dynamics of production, and nutrient accumulation and cycling by *Phragmites australis* (Cav.) Trin. ex Stuedel in a nutrient-enriched swamp in inland Australia. II. Individual shoots 445
- Holdsworth, D. G. See Nichols, P. D. 645
- Hortle, K. G. See Zwick, P. 361
- Hughes, J. M. R., and James, B.  
A hydrological regionalization of streams in Victoria, Australia, with implications for stream ecology 303
- Humphries, P.  
Variation in the life history of diadromous and landlocked populations of the spotted galaxias, *Galaxias truttaceus* Valenciennes, in Tasmania 501
- Ivantsoff, W. See Saeed, B. 719
- James, B. See Hughes, J. M. R. 303
- Johns, R. B. See Currie, B. R. 275
- Keesing, J. K. See Wells, F. E. 187
- Keesing, J. K., and Wells, F. E.  
Growth of the abalone *Haliotis roei* Gray 199
- Kirkman, H.  
Growth, density and biomass of *Ecklonia radiata* at different depths and growth under artificial shading off Perth, Western Australia 169
- Knott, B. See Burke, C. M. 55
- Kokkinn, M. J., and Williams, W. D.  
An experimental study of phototactic responses of *Tanytarsus barbataris* Freeman (Diptera : Chironomidae) 693
- Lavery, S., and Shaklee, J. B.  
Population genetics of two tropical sharks, *Carcharhinus tilstoni* and *C. sorrah*, in northern Australia 541
- Lester, R. J. G. See Roubal, F. R. 155
- Loneragan, N. R. See Potter, I. C. 327
- Louis, J. P.  
Current-shelf interactions during the Australian Coastal Experiment 571
- Lyle, J. See Stevens, J. D. 129
- Maltz, A. See Batley, G. E. 39
- Manning, R. J. G. See Potter, I. C. 327
- Mann, K. J. See Batley, G. E. 39
- Masel, J. See Roubal, F. R. 155
- McComb, A. J. See Paling, E. I. 147
- McKenzie, L. J., and Alexander, C. G.  
Mucus-secreting glands in the paragnaths and second maxillipeds of the banana prawn, *Penaeus merguensis* de Man 669
- Nichols, P. D., Holdsworth, D. G., Volkman, J. K., Daintith, M., and Allanson, S.

- High incorporation of essential fatty acids by the rotifer *Brachionus plicatilis* fed on the prymnesiophyte alga *Pavlova lutheri* 645
- Norris, R. H. See Thomas, K. 11
- O'Brien, T. A. See Bacher, G. J. 227
- Oliver, R. L. See Ganf, G. G. 595
- Ovenden, J. R., Smolenski, A. J., and White, R. W. G.  
Mitochondrial DNA restriction site variation in Tasmanian populations of orange roughy (*Hoplostethus atlanticus*), a deep-water marine teleost 1
- Paling, E. I., McComb, A. J., and Pate, J. S.  
Nitrogen fixation (acetylene reduction) in nonheterocystous cyanobacterial mats from the Dampier Archipelago, Western Australia 147
- Palomares, M. L., and Pauly, D.  
A multiple regression model for predicting the food consumption of marine fish populations 259
- Parslow, J. S., and Gabric, A. J.  
Advection, dispersal and plankton patchiness on the Great Barrier Reef 403
- Parslow, J. S. See Gabric, A. J. 559
- Pate, J. S. See Paling, E. I. 147
- Pauly, D. See Palomares, M. L. 259
- Peterson, J. L. See Cresswell, G. R. 113
- Pidgeon, R. W. J.  
Age and growth of freshwater herring, *Potamalosa richmondia* Macleay (Clupeidae: Hyperlophinae), in the Bellinger River, New South Wales 679
- Potter, I. C., Baronie, F. M., Manning, R. J. G., and Loneragan, N. R.  
Reproductive biology and growth of the western school prawn, *Metapenaeus dalli*, in a large Western Australian estuary 327
- Potter, M. A. See Sumpton, W. D. 711
- Rimmer, D. W. See Clementson, L. A. 25
- Roubal, F. R., Masel, J., and Lester, R. J. G.  
Studies on *Marteilia sydneyi*, agent of QX disease in the Sydney rock oyster, *Saccostrea commercialis*, with implications for its life cycle 155
- Saeed, B., Ivantsoff, W., and Allen, G. R.  
Taxonomic revision of the family Pseudomugilidae (Order Atheriniformes) 719
- Sagar, P. M. See Glova, G. J. 231
- Salini, J. P. See Brewer, D. T. 657
- Shaklee, J. B. See Lavery, S. 541
- Sheldon, F., and Walker, K. F.  
Effects of hypoxia on oxygen consumption by two species of freshwater mussel (Unionacea: Hyriidae) from the River Murray 491
- Smith, G. S. See Sumpton, W. D. 711
- Smolenski, A. J. See Ovenden, J. R. 1
- Stevens, J. D., and Lyle, J.  
Biology of three hammerhead sharks (*Eusphyrus blochii*, *Sphyrna mokarran* and *S. lewini*) from northern Australia 129
- Stewart, D. B. See Welsh, D. R. 241
- Storey, A. W., and Edward, D. H. D.  
The freshwater mussel, *Westralunio carteri* Iredale, as a biological monitor of organochlorine pesticides 587
- Sumpton, W. D., Smith, G. S., and Potter, M. A.  
Notes on the biology of the portunid crab, *Portunus sanguinolentus* (Herbst), in subtropical Queensland waters 711
- Tanner, E. See Tomczak, M. 465
- Thomas, K., Chilvers, G. A., and Norris, R. H.  
Seasonal occurrence of conidia of aquatic hyphomycetes (fungi) in Lees Creek, Australian Capital Territory 11
- Thresher, R. E. See Gunn, J. S. 97
- Tomczak, M., and Tanner, E.  
An estimate of Bass Strait water movement in the western Tasman Sea during the Australian Coastal Experiment 465
- Turnbull, C. T.  
Pleopod cuticular morphology as an index of moult stage in the ornate rock lobster, *Panulirus ornatus* (Fabricius 1789) 285
- Volkman, J. K. See Nichols, P. D. 645
- Walker, K. F. See Sheldon, F. 491
- Walsby, A. E. See Ganf, G. G. 595
- Wankowski, J. W. J. See Withell, A. F. 215
- Wells, F. E., and Keesing, J. K.  
Reproduction and feeding in the abalone *Haliotis roei* Gray 187
- Wells, F. E. See Keesing, J. K. 199
- Wells, G. S. See Cresswell, G. R. 113
- Welsh, D. R., and Stewart, D. B.  
Applications of intervention analysis to model the impact of drought and bushfires on water quality 241
- White, R. W. G. See Ovenden, J. R. 1

- Williams, W. D. See Kokkinn, M. J. 693
- Winstanley, R. H. See Francis, R. I. C. C. 703
- Withell, A. F., and Wankowski, J. W. J.  
Age and growth estimates for pink ling,  
*Genypterus blacodes* (Schneider), and  
gemfish, *Rexea solandri* (Cuvier), from  
eastern Bass Strait, Australia 215
- Wright, J. M.  
Biology of *Leiognathus decorus*  
(Leiognathidae) in Sulaibikhat  
Bay, Kuwait 179
- Yassini, I. See Albani, A. D. 369
- Zwick, P., and Hortle, K. G.  
First records of net-winged midges (Diptera :  
Blephariceridae) from Papua New Guinea,  
with description of a new species 361

